Challenges

Balancing Water Needs

Environmental

Agricultural

Municipal

Rural and urban communities depend on the water which drains to the Carson River for agricultural, environmental, and municipal uses. Balancing these needs requires diligent planning and management. CWSD works with local, state, and federal entities to plan, fund, and implement projects and programs to address challenges in a manner that provides regional benefits.

Challenges include:

- Protecting critical floodplain lands from development
- Meeting demands for future water supply
- Managing and promoting use of reclaimed water
- Enhancing water quality and riparian habitat throughout the watershed
- Tracking and controlling invasive species
- Raising awareness of watershed issues with general public

Carson River Watershed Facts

- Area approximately 3,965 square miles
- Elevation ranging 11,000 ft. above sea level in the mountains to 4,000 ft. sea level in the desert
- 85% of the land is in Nevada, 15% in California
- Carson River begins as snowmelt, creating the East and West Forks high in the Sierra Nevada, Alpine County, California
- Average precipitation range is 40" + in the upper elevations of Sierra Nevada and 4" to 8" in the lower elevations
- Carson River is a terminal river, which never reaches the ocean
- Carson River flows 184 miles from its start in the Sierra Nevada, CA to its terminus in the Carson Sink near Fallon, Nevada
- Lahontan Dam forms the only large reservoir on the Carson River system
- We all live in a Watershed. It's our HOME!

Carson Water Subconservancy District
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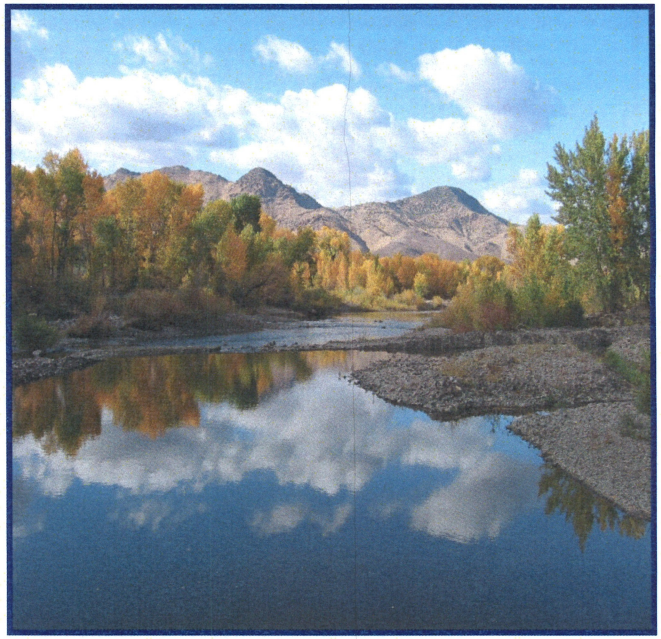
Want to learn more?
Visit CWSD website at:
www.cwsd.org or scan QR code with smartphone.

Carson Water Subconservancy District

Promoting Cooperative Action in the Carson River Watershed



Alpine County, California
Douglas County, Nevada
Carson City, Nevada
Storey County, Nevada
Lyon County, Nevada
Churchill County, Nevada

Carson River Watershed

A bi-state, multi-county watershed

Who We Are

- A unique multi-county, bi-state agency;
- Originally established in 1959, revised by the Nevada legislature in 1989;
- 14 Directors comprising elected officials from six counties, two agricultural representatives, and one advisory member;
- Serve as lead agency for integrated watershed planning and management of the Carson River Watershed;
- Funded with ad valorem taxes and federal, state, and local grants.

What We Do

- Promote cooperative action across agency and political boundaries;
- Establish a balance between the needs of communities in the Watershed and the function of the river system;
- Develop regional planning and management solutions for the Carson River Watershed;
- Provide local grant funding to local entities for project implementation;
- Coordinate the Carson River Coalition (CRC), a large stakeholder group of federal, state, county, and tribal agencies; non-governmental entities, private citizens and landowners.

Integrated Watershed Planning and Management incorporates:

Floodplain Management
Create regional level planning solutions focused on conserving our existing floodplain lands and raising public awareness of flooding hazards.

Outreach & Education
Provide hands-on community watershed education opportunities that promote watershed health and stewardship action.

Water Supply & Demand
Balance regional water supply demands among municipal, environmental, and agricultural users through cooperative action.

Water Quality
Monitor, assess and evaluate water quality to determine correct water quality standards and overall health of the river.

Recreation
Promote protection of natural resources while providing recreational experiences throughout the watershed.

Invasive Species
Map, monitor, and treat invasive animals and plants to prevent and mitigate spreading. Educate public through outreach efforts.

Rehabilitation & Stabilization
Enhance riparian habitat, mitigate severe erosion, restore river bank form & function to improve the overall health of the river.